

P-W

DUVAL CORPORATION #43-A SANTA FE NO PERMI
SE SE Sec. 35-T18N-R27E APACHE COUNTY 1-58

1-58

County Apache

Area Holbrook Basin

Lease No. _____

Well Name Duval Corporation #43-A Santa Fe

Location SE SE Sec 35 Twp 18N Range 27E Footage 987' FSL - 756' FEL
Elev 6430' Gr _____ KB Date 4-15-65 ~~Completed~~ Abandon 5-15-65 Total Depth 2445'?

Contractor _____

Casing Size	Depth	Cement	Drilled by Rotary	Cable Tool
<u>7"</u>	<u>19'</u>	_____	_____	_____
<u>5-1/2"</u>	<u>1713'</u>	_____	Production Horizon	_____
<u>3-1/4"</u>	<u>2211'</u>	_____	Initial Production	_____

REMARKS This hole drilled as a potash test.
XX

Elec Logs <u>Gamma Ray-Neutron; Induction-Electrical Log;</u>	Sample Log _____
Applic. <u>Plugging</u> Completion _____	Sample Descript. _____
to Plug _____ Record <u>x</u> Report <u>x</u>	Sample Set <u>P-1354</u>
	Core Analysis _____
	DSTs _____

Water well accepted by _____

Bond Co. & No. None

Bond Am't \$ _____ Cancelled _____ Date _____ Organization Report None

Filing Receipt None Dated _____ Well Book x Plat Book x

API No. 02-001-05059 Loc. Plat _____ Dedication None (Strat)

Permit Number None Date Issued _____

1-58

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG									
DESIGNATE TYPE OF COMPLETION:									
New Well <input type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/>	Dry <input type="checkbox"/>	
DESCRIPTION OF WELL AND LEASE									
Operator <i>Duval Corporation</i>				Address <i>4715 E FT Lowell Rd Tucson Arizona</i>					
Lease Name				Well Number <i>43 A</i>		Field & Reservoir			
Location <i>756 FEL & 987 FSL Sec 35 T18N R27E</i>						Sec.—TWP-Range or Block & Survey			
County <i>Apache</i>		Permit number		Date Issued		Previous permit number		Date Issued	
Date spudded <i>4/15/65</i>		Date total depth reached		Date completed, ready to produce <i>5/15/65</i>		Elevation (DF, RKB, RT or Gr.) feet		Elevation of casing hd. flange feet	
Total depth <i>2444</i>		P.B.T.D.		Single, dual or triple completion?			If this is a dual or triple completion, furnish separate report for each completion.		
Producing interval (s) for this completion				Rotary tools used (interval)			Cable tools used (interval)		
Was this well directionally drilled?		Was directional survey made?		Was copy of directional survey filed?			Date filed		
Type of electrical or other logs run (check logs filed with the commission) <i>Gamma Ray-Neutron, Induction Electrical Log</i>								Date filed	
CASING RECORD									
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)									
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled			
TUBING RECORD					LINER RECORD				
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)		
PERFORATION RECORD					ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD				
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used			Depth Interval		
INITIAL PRODUCTION									
Date of first production			Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)						
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)			
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio			
Disposition of gas (state whether vented, used for fuel or sold):									
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the..... of the..... (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p>									
Date					Signature				
					<p style="text-align: center;">STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION</p> <p style="text-align: center;">Well Completion or Recompletion Report and Well Log</p> <p style="text-align: center;">Form No. P-7 File two copies</p>				

PLUGGING RECORD

Operator <i>Duval Corporation</i>		Address <i>4715 E FT Lowell Rd Tucson Arizona</i>	
Name of Lease		Well No. <i>43A</i>	Field & Reservoir
Location of Well <i>756 FEL & 987 FSE Sec 35 T1RN R27E</i>		Sec-Twp-Rge or Block & Survey	County <i>Apache</i>
Application to drill this well was filed in name of	Has this well ever produced oil or gas	Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry?	
Date plugged:	Total depth <i>2444</i>	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls./day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
Was well filled with mud-laden fluid, according to regulations?				Indicate deepest formation containing fresh water.	

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail
File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the of the (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date	Signature
<p align="center">STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION</p> <p align="center">Form No. P-15 Plugging Record File two copies</p>	

<u>Hole No.</u>	<u>Interval (feet)</u>	<u>Formation or Member</u>
41	Ground elevation 5730'	
	0-40	Bidahochi
	40-149	Sonsela
	149-	Lower Petrified Forest
	399-	Top of greenish-grey unit
	619-757	Lower Wupatki
	757-785	Kaibab
	785-1143	Coconino
	1143-	Supai
	1259	Top of 1st marker
		Anhydrite
42	Ground elevation 6040'	
	0-65	Bidahochi
	65-	Upper Petrified Forest
	659-	Lower Petrified Forest
	908-	Top of greenish-grey unit
	1130-1248	Lower Wupatki
	1248-1290	Kaibab
	1290-1658	Coconino
	1658-	Supai
	1752	Top of 1st marker
		Anhydrite
43-A	Ground elevation 6430'	
	0-538	Bidahochi
	538-551	Bidahochi Basal
		Conglomerate
	551-	Upper Petrified Forest
	1202-	Lower Petrified Forest
	1432-	Top of greenish-grey unit
	1679-	Shinarump
	1688-1850	Lower Wupatki
	1850-2157	Coconino
	2157	Supai
	2262	Top of 1st marker
		Anhydrite
44	Ground elevation 6470'	
	0-722(approx.)	Bidahochi
	722-730	Bidahochi Basal
		Conglomerate
	730-	Upper Petrified Forest
	1410	Lower Petrified Forest
	1633-	Top of greenish-grey unit
	1873	Shinarump
	1906-2020	Lower Wupatki
	2020-2300	Coconino
	2300-	Supai
	2415	Top of 1st marker
		Anhydrite

6430
1850
+4580

1-58

FORM 159

DUVAL CORPORATION
INTER-OFFICE MEMORANDUM

FROM Navajo

DATE May 15, 1965

TO Schmucka

ATTENTION Mr. J.C. Henson

SUBJECT: Dural S 431 Santa Fe

Location: 756 N.L. 507 N.L. sec. 35, T.12N., R.27E.
Date Started: 4/15/65
Date Completed: 5/15/65
Elevation, C.L.: 8433
Casing point: 2230
Depth, To, Cement: 1250 (4500)
Depth, To, Halite: 2244 (4100) Note: Secondary salt voidlet @ 2233.
Depth, To, Sylvite: None.
T.D.: 2244

WHILE WE BELIEVE THIS INFORMATION TO BE
CORRECT, WE MAKE NO REPRESENTATION WITH
RESPECT TO, NOR DO WE ASSUME ANY RESPONSIBILITY,
FOR, THE ACCURACY THEREOF.
DUVAL CORPORATION

FORM 100

DUVAL CORPORATION
INTER-OFFICE MEMORANDUM

1-58

FROM: Estilo

DATE: May 15, 1965

TO: Schwartz

ATTENTION: Mr. J.C. Moore

SUBJECT: Dural 3 431 Santa Fe

Location: 750 N.E. 957 St., Soc. 35, T.12N., R.27E.
Date started: 4/15/65
Date completed: 5/15/65
Location, C.L.: 650
Casing point: 223
Depth, Top Corrinio: 1250 (650)
Depth, Top Hallow: 225 (400) Note: Secondary salt voidlet @ 233.
Depth, Top Spillies: None.
T.L.: 277

WHILE WE BELIEVE THIS INFORMATION TO BE
CORRECT, WE MAKE NO REPRESENTATION WITH
RESPECT TO, NOR DO WE ASSUME ANY RESPONSIBILITY
FOR, THE CORRECTNESS THEREOF.
DUVAL CORPORATION

